High School to College and Career Pathway: Post-Secondary

Area of Study: Skilled & Technical Education   **Pathway: Automotive Service Technician**

Region: Mountainland	District:	School:	College/Institution: Utah Valley State College
Contact Person: Lisa Birch		Ph.#: 801.492.2900	Articulation Agreement in place? Yes
E-mail: lisa.birch@mountainlandatc.org		Date: 04/2007	Name of Degree or Certificate: AAS Automotive Technology (64 Credits Required)

High School				College		
Course Number	**High School Suggested Academic Courses**	**H.S. Credit**	**College Credits**	**Course Number**	**College General Education Requirements**	**College Credits**
ENGL	**ENGLISH**		**2**	**ENGL**	**ENGLISH**	**2**
ENGL1010	College Writing * **	1		ENGL 1010	Introduction to Writing	
				ENGL1060	Career Writing for Technology	
				ENGL106A	Career Writing for Technology-A	
MATH	**MATHEMATICS**			**MATH**	**MATHEMATICS**	**3**
				AUT1260	Tech Math for Mechanics	
				→	Any higher Mathematics Course	
	HUMANTIES/FINE ARTS/FOREIGN LANGUAGE Complete one course from the following:		**2**		**HUMANITIES/FINE ARTS/FOREIGN LANGUAGE** Complete one course from the following	**2**
HUM1010	Humanities * **	1		HUM1010	Humanities Through the Arts	
COMM1020	Public Speaking **	1		COM1020	Public Speaking	
ART1010	Art/Art Foundations *	1		ART1010	Introduction to Visual Arts	
50.0406	Commercial Photo	.5		ART1050	Photography I	
ART1110	AP Drawing *	1		ART1110	Drawing I	
ART1340	3-D Design II *	1		ART1340	Sculpture I	
ART1350	Ceramics II *	1		ART1350	Ceramics I	
ARTH2720	Art History *	1		ARTH2720	History of Art from the Renaissance	
MUSC1010	Music Appreciation *	1		MUSC1010	Introduction to Music	
THEA1013	Introduction to Theater **	1		THEA1013	Introduction to Theater	
THEA1023	Film/Video Production I or II *	1		THEA1023	Introduction to Film	
				→	Any other approved Humanities/Fine Arts/Foreign Language distribution course	

	SOCIAL/BEHAVIORAL SCIENCE Complete one course from the following		2		SOCIAL/BEHAVIORAL SCIENCE Complete one course from the following	2
GEOG1300	Survey of World Geography **	1		GEOG1300	Survey of World Geography	
HIST1100	History of Civilization *	1		HIST1100	History of Civilization I	
HIST1700	AP US History *	1		HIST1700	American Civilization	
52.0211	Business Management *	.5		MGMT1010	Introduction to Business	
MGMT2020	Macroeconomics **	.5		MGMT2020	Macroeconomics	
POLS1100	American National Government **	1		POLS1100	American National Government	
PSY1010	AP Psychology * Gen. Psych. **	1		PSY1010	General Psychology	
SOC1010	Sociology * Intro to Sociology **	1		SOC1010	Introduction to Sociology	
				→	Any other approved Social/Behavioral Science distribution course	
	BIOLOGY/PHYSICAL SCIENCE Complete one course from the following		2		BIOLOGY/PHYSICAL SCIENCE Complete one course from the following	2
BIOL1010	AP Biology * Gen. Biology **	1		BIOL1010	General Biology	
GEO1010	Geology * Intro. To Geology **	1		GEO1010	Introduction to Geology	
PHYS1010	Physics Honors/Engr. I *	1		PHYS1010	Elementary Physics	
PHYS1040	Astronomy *	1		PHYS1040	Elementary Astronomy	
				→	Any other approved Biology/Physical Science distribution course	
	PHYSICAL ED./HEALTH/SAFETY OR ENVIRONMENT Complete one course from the following		1		PHYSICAL ED./HEALTH/SAFETY OR ENVIRONMENT Complete one course from the following	1
HLTH1100	Personal Health & Wellness **	1		HLTH1100	Personal Health & Wellness	
				→	Any other approved Physical Ed./Heath/Safety or Environment distribution course	
				→	**Additional Credits from any of the above**	4

Note: This is a regional agreement. Some classes and some concurrent enrollment agreements may not be available in your particular high school. See your individual school for specific program offering. **Note: *= concurrent   ^= distant ++= MATC**

High School to College and Career Pathway: Post-Secondary

Area of Study: Skilled & Technical Sciences   **Pathway: Automotive Service Technician**

High School				College		
Course CIP #	**CTE Pathway Courses (credits for completion)**	**H.S. Credit**	**College Credits**	**Course #**	**College Major Course Requirements**	**College Credits**
Course#	**Foundation Courses: (required)**	Credit				
47.0604	Automotive Service Technician++	1.00	4	AUT1210	Suspension, Steering and Air Conditioning++	4
			4	AUT1230	Engine Performance ++	4
Course #	**Elective Courses:**	Credit				
47.0105	Electronics I	1.00				
47.0603	Automotive Collision Repair++	1.00	4	AUT1110	Brakes & Wheels ++	4
			4	AUT1130	Engine Repair ++	4
47.0606	**Small Vehicle Technician**	1.00				
32.0199	Student Internship (Critical Workplace Skills)	.50				
				AUT1120	Manual Drive Trains and Safety	4
				AUT1220	Automatic Transmissions and Transaxles	4
				AUT2110	Advanced Alignment and Electrical Theory	4
				AUT2120	Advanced Auto Engine Performance	4
				AUT2130	Advanced Auto Electrical and Emission Controls	4
				AUT2210	Advanced Auto Transmissions and Brake Systems	4
				AUT2220	Advanced Electronics and Fuel Injection	4
				AUT2230	Air Conditioning and Heating	4
TOTAL Potential Credits Earned in High School			**25**	**TOTAL Credits Required for Degree or Certificate**		**64**

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